

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111925\
 Data File : VV039406.D
 Acq On : 19 Nov 2025 10:58
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005262

Quant Time: Nov 20 03:23:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 03:21:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	315866	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	356452	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	259214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	205043	4.725	ug/L	0.00
7) Chloroethane-d5	1.545	69	176651	5.522	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.072	65	95563	5.254	ug/L	0.00
20) 2-Butanone-d5	3.793	46	322896	55.063	ug/L	0.00
24) Chloroform-d	4.256	84	455092	6.718	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	199442	6.498	ug/L	0.00
32) Benzene-d6	4.960	84	832772	6.234	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	246181m	5.038	ug/L	0.00
41) Toluene-d8	7.236	98	806651	6.804	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	89861	6.026	ug/L	0.00
46) 2-Hexanone-d5	8.014	63	258642	55.789	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.140	84	170688	5.731	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.548	152	257539	5.342	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	161902	3.994	ug/L	100
3) Chloromethane	1.230	50	115897	2.628	ug/L	100
5) Vinyl chloride	1.298	62	137376	3.214	ug/L	100
6) Bromomethane	1.500	94	80553	3.661	ug/L	100
8) Chloroethane	1.561	64	98905	3.736	ug/L	100
9) Trichlorofluoromethane	1.728	101	273358	4.604	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.082	101	178947	5.143	ug/L	100
12) 1,1-Dichloroethene	2.085	96	125436	4.050	ug/L	100
13) Acetone	2.121	43	253594	55.541	ug/L	100
14) Carbon disulfide	2.252	76	205760	2.129	ug/L	100
15) Methyl Acetate	2.391	43	57921	4.971	ug/L	100
16) Methylene chloride	2.458	84	163093	4.514	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	304830	5.114	ug/L	100
18) trans-1,2-Dichloroethene	2.706	96	134164	4.292	ug/L	100
19) 1,1-Dichloroethane	3.121	63	341267	5.207	ug/L	100
21) 2-Butanone	3.870	43	334379	50.828	ug/L	100
22) cis-1,2-Dichloroethene	3.822	96	162599	4.988	ug/L	100
23) Bromochloromethane	4.159	128	78250	5.311	ug/L	100
25) Chloroform	4.281	83	377098	5.671	ug/L	100
27) 1,2-Dichloroethane	5.043	62	190898	5.297	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	312435	5.160	ug/L	100
30) Cyclohexane	4.587	56	168763	3.302	ug/L	100
31) Carbon tetrachloride	4.738	117	278638	5.195	ug/L	100
33) Benzene	5.011	78	662870	4.812	ug/L	100
34) Trichloroethene	5.834	95	166411	4.732	ug/L	100
35) Methylcyclohexane	6.047	83	188661	3.571	ug/L	100
37) 1,2-Dichloropropane	6.088	63	191739	5.179	ug/L	100
38) Bromodichloromethane	6.429	83	257734	5.235	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	235311	4.843	ug/L	100
40) 4-Methyl-2-pentanone	7.146	43	895621	53.293	ug/L	100
42) Toluene	7.310	91	728191	5.176	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	207620	5.044	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	139612	5.258	ug/L	100
47) Tetrachloroethene	7.899	164	150074	5.343	ug/L	100
48) 2-Hexanone	8.063	43	665224	57.983	ug/L	100
49) Dibromochloromethane	8.165	129	170484	5.668	ug/L	100
50) 1,2-Dibromoethane	8.275	107	117432	5.109	ug/L	100
51) Chlorobenzene	8.805	112	488167	5.227	ug/L	100
52) Ethylbenzene	8.937	91	746643	5.130	ug/L	100
53) m,p-Xylene	9.062	106	293892	5.331	ug/L	100
54) o-Xylene	9.468	106	274320	5.243	ug/L	100
55) Styrene	9.487	104	522375	5.792	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.165	83	159548	5.242	ug/L	100
59) Bromoform	9.654	173	102116	4.991	ug/L	100
60) Isopropylbenzene	9.857	105	780063	4.229	ug/L	100
61) 1,2,3-Trichloropropane	10.197	75	104766	3.995	ug/L	100
62) 1,3,5-Trimethylbenzene	10.464	105	562772	3.974	ug/L	100
63) 1,2,4-Trimethylbenzene	10.841	105	587325	4.146	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	440019	4.829	ug/L	100
65) 1,4-Dichlorobenzene	11.197	146	449820	4.692	ug/L	100
67) 1,2-Dichlorobenzene	11.567	146	392420	4.699	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	22361	3.933	ug/L	100
69) 1,3,5-Trichlorobenzene	12.567	180	307913	5.076	ug/L	100
70) 1,2,4-trichlorobenzene	13.184	180	230357	4.825	ug/L	100
71) Naphthalene	13.426	128	274975	3.754	ug/L	100
72) 1,2,3-Trichlorobenzene	13.667	180	207847	4.807	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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